



MED
Power Board
MED Power Board
April 22, 2020, 9:30 am - 11:30 am
Electronic Meeting

MINUTES and DOCUMENTS

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MINUTES

MED

Power Board

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Wednesday, April 22, 2020, 9:30 am - 11:30 am

Electronic Meeting

- A. Call To Order
- B. Regular Business
 - 1. Minutes
- C. Informational
 - 1. Financials
 - 2. Disbursements
 - 3. Uncollectable Accounts
 - 4. Safety Loss Control Activities
 - 5. Material Purchases
 - 6. Fuel Cost Adjustment
- D. Reports
 - 1. General Manager Report
 - 2. HR Report
 - 3. City Projects
 - 4. Fiber Optics Strategic Report
- E. Action Items
- F. Other

**REGULAR MEETING OF THE BOARD OF
MURFREESBORO ELECTRIC DEPARTMENT**

February 26, 2020

The Board of Murfreesboro Electric Department (MED) met in regular session at 9:30 a.m., Wednesday, February 26, 2020, in the City Council Chambers at 111 West Vine Street, Murfreesboro, Tennessee.

Members Present: Rick Hardesty, Chair
Irene Pitts-McDonald, Vice-Chair
Richard Stone
Ross Bradley
Rick LaLance

Also, present were P.D. Mynatt, General Manager; Lori Williams, Secretary-Treasurer; Craig Tindall, City Manager; and Adam Tucker, City Attorney.

Other MED staff members present were Philip Lim, Gena Dix, Daphnea Anderson, John Florida, Ryan Horony, and Jackie Whitaker.

Mr. Hardesty called the meeting to order.

Ms. Pitts-McDonald made a MOTION to approve the minutes of the regular meeting held January 22, 2020. Mr. Bradley SECONDED the motion. The motion was UNANIMOUSLY APPROVED.

Ms. Williams presented information on January 2020-2019 financial reports. A list of January 2020 disbursements totaling \$13,074,788.42 and a list of uncollectible accounts for January 2020 in the amount of \$7,509.90 were presented for review. Additional information showing uncollectable accounts and payments on uncollectable accounts for January 2020 was presented.

During the review of the financial reports, Ms. Williams reported a decrease in interest income due to First Horizon lowering the interest rate from 2.05% to 1.10%. Mr. Stone made a MOTION for staff to contact First Horizon regarding the interest rate. If they are not willing to pay at least 1.5%, staff should place bids for investing the amount in MED's savings account. Mr. LaLance SECONDED the motion. The motion was UNANIMOUSLY APPROVED. [After the meeting, Ms.

Williams contacted First Horizon and they agreed to pay 1.5% interest rate for the funds invested in the MED savings account. This information was emailed to the Board members on February 28, 2020. – Attachment A]

Ms. Williams also presented a letter addressed to Tennessee Municipal Bond Fund and The Bank of New York Mellon notifying them of our intent to prepay the outstanding balance of \$3,417,000, maturing May 25, 2020 and thereafter.

In Safety and Loss Control Activities, Mr. Mynatt reported that there have been no lost time accidents since the last board meeting.

Mr. Mynatt reported January 2020 material purchases under \$25,000 of \$302,012.80, purchases between \$25,000 and \$50,000 of \$43,272.00, and there were no transformers purchased under the TVA contract.

Mr. Mynatt also reported the March 2020 total monthly fuel cost will be 1.627 cents per kilowatt-hour for standard service customers, 1.600 cents per kilowatt-hour for large manufacturing customers, and 1.595 cents per kilowatt-hour for large general service customers. The overall system average fuel rate for March is approximately 15% lower than the three-year average March FCA primarily due to lower purchased power and gas rates.

In the General Manager's Report, Mr. Mynatt reported that a wreck occurred on Saturday, February 1st around 4:40 a.m. in the 300 block of South East Broad Street which caused a breaker out of Primary substation to lock-out. There were approximately 450 customers without power for about an hour and approximately 50 without power for three hours.

Mr. Mynatt reported that on Wednesday, February 12th around 6:10 p.m., a lightning strike caused a breaker out of Pitts Lane substation to lock-out. This outage caused approximately 2,600 customers to be without power for approximately an hour.

Mr. Mynatt reported that the Murfreesboro area received four TVA STEM Classroom Grants. TVA and MED presented checks to the following elementary schools: Erma Siegel and Hobgood - \$5,000, Salem - \$3,500, and Discovery - \$2,500. Mr. Mynatt shared a thank you note from Kimberly Kahle, a first-grade teacher at Salem Elementary.

Mr. Mynatt updated the Board on the merger with MTEMC. TVA Regulatory staff is having bi-weekly calls with MED and MTEMC staff to update the progress in the data review.

Mr. Mynatt shared that MTEMC, MED, and TVA presented a check in the amount of \$59,869 to United Way.

Ms. Dix presented a report showing positions that were on hold due to the possible merger with MTEMC. Mr. LaLance requested that we review the positions and fill the ones that were adding undue burden on others to complete the work. Ms. Dix shared that the main positions were in the IT department and we were using consultants for most of the work. She added that another concern is in the customer service area and the vacant Customer Service Representative position.

Mr. Lim presented the list of City Projects. There were no new projects added this month.

On the Fiber Committee, Mr. Lim reported there are 33 active projects with total project costs of \$647,241.03. The original estimate was to have the project completed by February 2020. Due to the weather, the new estimate is May 2020.

Mr. Whitaker presented information to replace the four 15KV oil breakers at Church Street substation. The bids received for the labor and material to replace the oil breakers were:

<u>Company</u>	<u>Bid</u>
Aubrey Silvey	\$590,500
Service Electric	\$358,030
Groves Construction	\$321,160

Mr. LaLance made a MOTION to accept the low bid in the amount of \$321,160 for labor and materials to replace the four 15KV oil breakers at South Church Street substation. Ms. Pitts-McDonald SECONDED the motion. The motion was UNANIMOUSLY APPROVED.

Mr. Stone made a MOTION to adjourn the meeting. Mr. Bradley SECONDED the motion. The motion was UNANIMOUSLY APPROVED.

Secretary-Treasurer

Chair

Approved _____

Lori Williams

From: Lori Williams
Sent: Friday, February 28, 2020 9:37 AM
To: 'rhardesty@lewisbakeries.com'; 'Richard Stone (RStone@reliantbank.com)'; 'irenemac239@icloud.com'; 'rbradley@tdkconstruction.com'; Rick LaLance; Craig Tindall; Adam Tucker
Cc: PD Mynatt; Daph Anderson; Gena Dix
Subject: Murfreesboro Electric - Savings Rate

All –

I am forwarding the email from First Horizon agreeing to pay 1.5%.

Have a great weekend!

Lori

From: BECHTEL, CRAIG <CSBechtel@firsthorizon.com>
Sent: Friday, February 28, 2020 9:27 AM
To: Lori Williams <LWilliams@medtn.com>; GREENE, YOLANDA S. <YGREENE@firsthorizon.com>
Subject: RE: Murfreesboro Electric - Savings Rate

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Lori

Thank you again for your time as we have worked through this request over the last few days. As we just discussed the bank is going to adjust your rate to Fed Funds High minus .25% or equal to Fed Funds Low. Today the Fed Funds range is 1.50% - 1.75%. So the result will be an interest rate of 1.50%.

We believe the current rate is a good market rate, once the cost of collateralizing the deposits is considered. Our market research suggests 1.50% is a market rate for traditional commercial deposits but with collateralized deposits the market is around 1.10%. This account will be unprofitable, but MED has been a loyal customer for 40+ years and we want to retain your business through the sale. The unprofitable account, for a short period of time, is a reasonable exception for a relationship that has been mutually beneficial for its 40+ year duration.

Thank you again and have a great weekend

Craig

Craig Bechtel
Senior Vice President
Middle Tennessee Commercial Banking

First Horizon Bank
511 Union Street, Suite 400

**MURFREESBORO ELECTRIC DEPARTMENT
COMPARATIVE BALANCE SHEET**

ASSETS AND OTHER DEBITS	February	February	Increase/(Decrease)	
	2020	2019	Amount	Percent
UTILITY PLANT				
Electric Plant	231,997,210	225,019,350	6,977,860	3.10%
Less Depreciation	76,453,358	68,252,126	8,201,232	12.02%
Total	155,543,852	156,767,224	(1,223,372)	-0.78%
Unamortized Acquisition Adj.	750,825	937,481	(186,656)	-19.91%
Total Plant - net	156,294,677	157,704,705	(1,410,028)	-0.89%
OTHER PROPERTY & INVESTMENTS				
Sinking Funds	296,389	297,305	(916)	-0.31%
Other Special Funds	679,840	678,479	1,361	0.20%
Total	976,229	975,784	445	0.05%
CURRENT AND ACCRUED ASSETS				
Cash & Temporary Cash Investments	46,580,623	46,652,707	(72,084)	-0.15%
Accounts Receivable	12,399,578	12,648,922	(249,344)	-1.97%
Materials and Supplies	2,257,410	2,604,465	(347,055)	-13.33%
Prepayments	972,576	996,355	(23,779)	-2.39%
Other Current Assets	3,776,422	2,463,980	1,312,442	53.27%
Total	65,986,609	65,366,429	620,180	0.95%
DEFERRED DEBITS				
Debt Expense	0	0	0	0.00%
Clearing Accounts	310,523	265,426	45,097	16.99%
Receivables-Conservation Loans	1,651,929	1,814,111	(162,182)	-8.94%
Other Deferred Debits	2,459,255	1,742,269	716,986	41.15%
Total	4,421,707	3,821,806	599,901	15.70%
TOTAL ASSETS & OTHER DEBITS	227,679,222	227,868,724	(189,502)	-0.08%
LIABILITIES AND OTHER CREDITS				
	February	February	Increase/(Decrease)	
	2020	2019	Amount	Percent
EARNINGS REINVESTED IN SYSTEM				
Beginning of Year	187,969,082	183,477,539	4,491,543	2.45%
Current Year to Date	4,068,152	4,899,579	(831,427)	-16.97%
Total	192,037,234	188,377,118	3,660,116	1.94%
LONG -TERM DEBT				
Bonds and Other Long -Term Debt	4,167,000	5,282,000	(1,115,000)	-21.11%
Debt Premium and Discount	15,000	27,000	(12,000)	-44.44%
Total	4,182,000	5,309,000	(1,127,000)	-21.23%
OTHER NON-CURRENT LIABILITIES				
Post Retirement Benefits	11,318,493	9,470,298	1,848,195	19.52%
Conservation Loans - TVA	1,703,672	1,879,574	(175,902)	-9.36%
Total	13,022,165	11,349,872	1,672,293	14.73%
CURRENT & ACCRUED LIABILITIES				
Accounts Payable	4,534,886	8,316,874	(3,781,988)	-45.47%
Customer Deposits	10,376,983	10,165,120	211,863	2.08%
Interest Accrued	6,212	9,025	(2,813)	-31.17%
Other Current Liabilities	2,126,863	2,069,724	57,139	2.76%
Total	17,044,944	20,560,743	(3,515,799)	-17.10%
OTHER DEFERRED CREDITS	1,392,879	2,271,991	(879,112)	-38.69%
TOTAL LIABILITIES & OTHER CREDITS	227,679,222	227,868,724	(189,502)	-0.08%

**MURFREESBORO ELECTRIC DEPARTMENT
COMPARATIVE REVENUE AND EXPENSE STATEMENT**

	February 2020	February 2019	Increase(Decrease) Amount Percent		FYTD 2020	FYTD 2019	Increase(Decrease) Amount Percent	
OPERATING REVENUE								
Electric Sales Revenue	13,392,843	12,683,961	708,882	5.59%	119,650,589	118,125,903	1,524,686	1.29%
Revenue from Late Payments	78,761	109,652	(30,891)	-28.17%	661,642	752,334	(90,692)	-12.05%
Misc. Service Revenue	151,290	142,890	8,400	5.88%	1,336,315	1,318,425	17,890	1.36%
Rent from Electric Property	79,130	72,328	6,802	9.40%	697,821	581,395	116,426	20.03%
Other Electric Revenue	0	0	0	0.00%	0	0	0	0.00%
Total Operating Revenue	13,702,024	13,008,831	693,193	5.33%	122,346,367	120,778,057	1,568,310	1.30%
PURCHASED POWER								
	11,196,969	10,199,881	997,088	9.78%	100,656,042	98,710,755	1,945,287	1.97%
OPERATING EXPENSE								
Distribution Expense	189,993	262,089	(72,096)	-27.51%	1,748,624	1,647,800	100,824	6.12%
Customer Accounts Expense	132,917	157,685	(24,768)	-15.71%	1,356,015	1,401,109	(45,094)	-3.22%
Customer Service & Info. Expense	16,741	14,595	2,146	14.70%	143,723	124,015	19,708	15.89%
Sales Expense	10,674	19,230	(8,556)	-44.49%	202,749	211,935	(9,186)	-4.33%
Administrative & General Expense	441,075	559,935	(118,860)	-21.23%	3,878,443	3,912,377	(33,934)	-0.87%
Total Operating Expense	791,400	1,013,534	(222,134)	-21.92%	7,329,554	7,297,236	32,318	0.44%
MAINTENANCE EXPENSE								
Distribution Expense	109,451	304,715	(195,264)	-64.08%	1,449,446	1,567,217	(117,771)	-7.51%
Administrative & General Expense	8,491	31,975	(23,484)	-73.44%	227,812	228,198	(386)	-0.17%
Total Maintenance Expense	117,942	336,690	(218,748)	-64.97%	1,677,258	1,795,415	(118,157)	-6.58%
OTHER OPERATING EXPENSE								
Depreciation Expense	755,819	667,071	88,748	13.30%	6,011,571	5,225,818	785,753	15.04%
Amortization of Acquisition Adj.	16,720	20,587	(3,867)	-18.78%	133,758	164,699	(30,941)	-18.79%
Taxes and Tax Equivalents	441,657	371,303	70,354	18.95%	3,040,850	2,962,918	77,932	2.63%
Total Other Operating Expense	1,214,196	1,058,961	155,235	14.66%	9,186,179	8,353,435	832,744	9.97%
TOTAL OPER EXP & PURCH PWR								
	13,320,507	12,609,066	711,441	5.64%	118,849,033	116,156,841	2,692,192	2.32%
INCOME								
Operating Income	381,517	399,765	(18,248)	-4.56%	3,497,334	4,621,216	(1,123,882)	-24.32%
Other Income	53,788	92,862	(39,074)	-42.08%	646,594	387,806	258,788	66.73%
Total Income	435,305	492,627	(57,322)	-11.64%	4,143,928	5,009,022	(865,094)	-17.27%
Miscellaneous Income Deductions	0	198	(198)	-100.00%	19,575	30,699	(11,124)	-36.24%
Net Income Before Debt Exp	435,305	492,429	(57,124)	-11.60%	4,124,353	4,978,323	(853,970)	-17.15%
DEBT EXPENSE								
Interest on Long Term Debt	7,454	10,744	(3,290)	-30.62%	58,970	81,535	(22,565)	-27.68%
Other Interest Expense	49	47	2	4.26%	391	369	22	5.96%
Amortization of Debt Discount & Exp.	605	605	0	0.00%	4,840	4,840	0	0.00%
Amortization of Premium on Debt.	(1,000)	(1,000)	0	0.00%	(8,000)	(8,000)	0	0.00%
Total Debt Expense	7,108	10,396	(3,288)	-31.63%	56,201	78,744	(22,543)	-28.63%
NET INCOME								
	428,197	482,033	(53,836)	-11.17%	4,068,152	4,899,579	(831,427)	-16.97%

MURFREESBORO ELECTRIC DEPARTMENT

STATISTICAL DATA

	FEBRUARY 2020	FEBRUARY 2019	INCREASE (DECREASE) AMOUNT PERCENT	
KWH PURCHASED	147,507,209	133,214,686	14,292,523	10.73%
KWH SOLD/USED	139,784,449	129,740,989	10,043,460	7.74%
COST PER KWH PURCHASED (CENTS)	7.59	7.66	-0.07	-0.91%

	FYTD 2020	FYTD 2019	INCREASE (DECREASE) AMOUNT PERCENT	
KWH PURCHASED	1,293,793,274	1,274,734,975	19,058,299	1.50%
KWH SOLD/USED	1,258,829,949	1,236,896,252	21,933,697	1.77%
COST PER KWH PURCHASED (CENTS)	7.78	7.75	0.03	0.39%

CUSTOMER DATA

	FEBRUARY 2020	FEBRUARY 2019	INCREASE (DECREASE) AMOUNT PERCENT	
RESIDENTIAL	59,643	57,527	2,116	3.68%
LESS THAN 50 KW	6,488	6,347	141	2.22%
GREATER THAN 50 KW	1,012	1,014	(2)	-0.20%
STREET AND ATHLETIC	159	150	9	6.00%
TOTAL CUSTOMERS	67,302	65,038	2,264	3.48%

FINANCIAL RATIOS

	FEBRUARY 2020	FEBRUARY 2019
CURRENT RATIO	3.87	3.18
ACID TEST	3.46	2.88
DEBT TO EQUITY RATIO	0.027	0.034

	FEBRUARY 2020	FEBRUARY 2019	FYTD 2020	FYTD 2019
OPERATING RATIO	88.36%	88.79%	89.64%	89.26%
NET INCOME(CENTS) / \$ OF REVENUE	3.13	3.71	3.33	4.06

**MURFREESBORO ELECTRIC DEPARTMENT
COMPARATIVE BALANCE SHEET**

ASSETS AND OTHER DEBITS	March	March	Increase/(Decrease)	
	2020	2019	Amount	Percent
UTILITY PLANT				
Electric Plant	231,967,726	225,183,129	6,784,597	3.01%
Less Depreciation	76,455,042	68,747,653	7,707,389	11.21%
Total	155,512,684	156,435,476	(922,792)	-0.59%
Unamortized Acquisition Adj.	734,105	929,147	(195,042)	-20.99%
Total Plant - net	156,246,789	157,364,623	(1,117,834)	-0.71%
OTHER PROPERTY & INVESTMENTS				
Sinking Funds	329,325	330,368	(1,043)	-0.32%
Other Special Funds	679,911	678,594	1,317	0.19%
Total	1,009,236	1,008,962	274	0.03%
CURRENT AND ACCRUED ASSETS				
Cash & Temporary Cash Investments	47,828,669	51,157,154	(3,328,485)	-6.51%
Accounts Receivable	12,061,534	11,656,324	405,210	3.48%
Materials and Supplies	2,331,796	2,507,523	(175,727)	-7.01%
Prepayments	964,194	1,020,406	(56,212)	-5.51%
Other Current Assets	2,254,634	2,737,850	(483,216)	-17.65%
Total	65,440,827	69,079,257	(3,638,430)	-5.27%
DEFERRED DEBITS				
Debt Expense	0	0	0	0.00%
Clearing Accounts	301,660	266,501	35,159	13.19%
Receivables-Conservation Loans	1,584,655	1,787,899	(203,244)	-11.37%
Other Deferred Debits	2,458,454	1,740,909	717,545	41.22%
Total	4,344,769	3,795,309	549,460	14.48%
TOTAL ASSETS & OTHER DEBITS	227,041,621	231,248,151	(4,206,530)	-1.82%
LIABILITIES AND OTHER CREDITS				
	March	March	Increase/(Decrease)	
	2020	2019	Amount	Percent
EARNINGS REINVESTED IN SYSTEM				
Beginning of Year	187,969,082	183,477,539	4,491,543	2.45%
Current Year to Date	4,521,762	5,452,391	(930,629)	-17.07%
Total	192,490,844	188,929,930	3,560,914	1.88%
LONG -TERM DEBT				
Bonds and Other Long -Term Debt	4,167,000	5,282,000	(1,115,000)	-21.11%
Debt Premium and Discount	14,000	26,000	(12,000)	-46.15%
Total	4,181,000	5,308,000	(1,127,000)	-21.23%
OTHER NON-CURRENT LIABILITIES				
Post Retirement Benefits	11,398,493	9,538,216	1,860,277	19.50%
Conservation Loans - TVA	1,660,752	1,833,796	(173,044)	-9.44%
Total	13,059,245	11,372,012	1,687,233	14.84%
CURRENT & ACCRUED LIABILITIES				
Accounts Payable	3,458,333	11,112,698	(7,654,365)	-68.88%
Customer Deposits	10,340,995	10,154,076	186,919	1.84%
Interest Accrued	8,283	12,033	(3,750)	-31.16%
Other Current Liabilities	2,121,238	2,093,655	27,583	1.32%
Total	15,928,849	23,372,462	(7,443,613)	-31.85%
OTHER DEFERRED CREDITS	1,381,683	2,265,747	(884,064)	-39.02%
TOTAL LIABILITIES & OTHER CREDITS	227,041,621	231,248,151	(4,206,530)	-1.82%

**MURFREESBORO ELECTRIC DEPARTMENT
COMPARATIVE REVENUE AND EXPENSE STATEMENT**

	March 2020	March 2019	Increase(Decrease) Amount Percent		FYTD 2020	FYTD 2019	Increase(Decrease) Amount Percent	
OPERATING REVENUE								
Electric Sales Revenue	11,770,956	13,412,016	(1,641,060)	-12.24%	131,421,545	131,537,919	(116,374)	-0.09%
Revenue from Late Payments	75,007	88,810	(13,803)	-15.54%	736,649	841,144	(104,495)	-12.42%
Misc. Service Revenue	119,900	147,260	(27,360)	-18.58%	1,456,215	1,465,685	(9,470)	-0.65%
Rent from Electric Property	79,130	73,753	5,377	7.29%	776,951	655,147	121,804	18.59%
Other Electric Revenue	0	0	0	0.00%	0	0	0	0.00%
Total Operating Revenue	12,044,993	13,721,839	(1,676,846)	-12.22%	134,391,360	134,499,895	(108,535)	-0.08%
PURCHASED POWER								
	9,251,100	11,292,689	(2,041,589)	-18.08%	109,907,143	110,003,443	(96,300)	-0.09%
OPERATING EXPENSE								
Distribution Expense	272,660	300,053	(27,393)	-9.13%	2,021,284	1,947,853	73,431	3.77%
Customer Accounts Expense	239,634	177,712	61,922	34.84%	1,595,649	1,578,822	16,827	1.07%
Customer Service & Info. Expense	18,965	19,414	(449)	-2.31%	162,688	143,429	19,259	13.43%
Sales Expense	19,789	14,647	5,142	35.11%	222,538	226,582	(4,044)	-1.78%
Administrative & General Expense	444,509	247,768	196,741	79.41%	4,322,952	4,160,146	162,806	3.91%
Total Operating Expense	995,557	759,594	235,963	31.06%	8,325,111	8,056,832	268,279	3.33%
MAINTENANCE EXPENSE								
Distribution Expense	102,877	170,624	(67,747)	-39.71%	1,552,323	1,737,842	(185,519)	-10.68%
Administrative & General Expense	60,210	26,743	33,467	125.14%	288,022	254,941	33,081	12.98%
Total Maintenance Expense	163,087	197,367	(34,280)	-17.37%	1,840,345	1,992,783	(152,438)	-7.65%
OTHER OPERATING EXPENSE								
Depreciation Expense	756,683	668,912	87,771	13.12%	6,768,254	5,894,729	873,525	14.82%
Amortization of Acquisition Adj.	16,720	8,334	8,386	100.62%	150,478	173,033	(22,555)	-13.04%
Taxes and Tax Equivalents	442,923	336,272	106,651	31.72%	3,483,773	3,299,189	184,584	5.59%
Total Other Operating Expense	1,216,326	1,013,518	202,808	20.01%	10,402,505	9,366,951	1,035,554	11.06%
TOTAL OPER EXP & PURCH PWR	11,626,070	13,263,168	(1,637,098)	-12.34%	130,475,104	129,420,009	1,055,095	0.82%
INCOME								
Operating Income	418,923	458,671	(39,748)	-8.67%	3,916,256	5,079,886	(1,163,630)	-22.91%
Other Income	42,369	104,161	(61,792)	-59.32%	688,963	491,967	196,996	40.04%
Total Income	461,292	562,832	(101,540)	-18.04%	4,605,219	5,571,853	(966,634)	-17.35%
Miscellaneous Income Deductions	0	0	0	0.00%	19,575	30,699	(11,124)	0.00%
Net Income Before Debt Exp	461,292	562,832	(101,540)	-18.04%	4,585,644	5,541,154	(955,510)	-17.24%
DEBT EXPENSE								
Interest on Long Term Debt	8,028	10,368	(2,340)	-22.57%	66,998	91,903	(24,905)	-27.10%
Other Interest Expense	49	47	2	4.26%	440	416	24	5.77%
Amortization of Debt Discount & Exp.	605	605	0	0.00%	5,444	5,444	0	0.00%
Amortization of Premium on Debt.	(1,000)	(1,000)	0	0.00%	(9,000)	(9,000)	0	0.00%
Total Debt Expense	7,682	10,020	(2,338)	-23.33%	63,882	88,763	(24,881)	-28.03%
NET INCOME	453,610	552,812	(99,202)	-17.94%	4,521,762	5,452,391	(930,629)	-17.07%

MURFREESBORO ELECTRIC DEPARTMENT

STATISTICAL DATA

	MARCH 2020	MARCH 2019	INCREASE (DECREASE) AMOUNT PERCENT	
KWH PURCHASED	132,345,225	143,158,738	(10,813,513)	-7.55%
KWH SOLD/USED	125,220,320	140,982,792	(15,762,472)	-11.18%
COST PER KWH PURCHASED (CENTS)	6.99	7.89	-0.90	-11.41%

	FYTD 2020	FYTD 2019	INCREASE (DECREASE) AMOUNT PERCENT	
KWH PURCHASED	1,426,138,499	1,417,893,713	8,244,786	0.58%
KWH SOLD/USED	1,384,050,269	1,377,855,042	6,195,227	0.45%
COST PER KWH PURCHASED (CENTS)	7.71	7.76	-0.05	-0.64%

CUSTOMER DATA

	MARCH 2020	MARCH 2019	INCREASE (DECREASE) AMOUNT PERCENT	
RESIDENTIAL	60,133	58,014	2,119	3.65%
LESS THAN 50 KW	6,533	6,367	166	2.61%
GREATER THAN 50 KW	1,005	1,018	(13)	-1.28%
STREET AND ATHLETIC	160	150	10	6.67%
TOTAL CUSTOMERS	67,831	65,549	2,282	3.48%

FINANCIAL RATIOS

	MARCH 2020	MARCH 2019
CURRENT RATIO	4.11	2.96
ACID TEST	3.76	2.69
DEBT TO EQUITY RATIO	0.027	0.034

	MARCH 2020	MARCH 2019	FYTD 2020	FYTD 2019
OPERATING RATIO	86.43%	89.28%	89.35%	89.25%
NET INCOME(CENTS) / \$ OF REVENUE	3.77	4.03	3.37	4.06

DISBURSEMENTS & ACH TRANSFERS
FEBRUARY 2020

VENDOR	DATE	AMOUNT	DESCRIPTION
MED - Deposit Refund Account	2/4/2020	\$17,542.64	Transfer Funds
MED - Payroll	2/7/2020	\$187,696.88	Employee Direct Deposit
MED - Deposit Refund Account	2/10/2020	\$36,826.16	Transfer Funds
MED - Sinking Fund	2/10/2020	\$32,904.18	Transfer Funds
MED - Deposit Refund Account	2/11/2020	\$36,763.87	Transfer Funds
MED - Deposit Refund Account	2/14/2020	\$15,872.40	Transfer Funds
MED - Payroll	2/21/2020	\$197,000.00	Employee Direct Deposit
MED - Deposit Refund Account	2/24/2020	\$17,799.26	Transfer Funds
MED - Deposit Refund Account	2/26/2020	\$48,857.55	Transfer Funds
Check Register		\$15,870,113.83	
Total		\$16,461,376.77	

DISBURSEMENTS & ACH TRANSFERS
MARCH 2020

VENDOR	DATE	AMOUNT	DESCRIPTION
MED - Deposit Refund Account	3/3/2020	\$31,949.48	Transfer Funds
MED - Payroll	3/3/2020	\$188,005.88	Employee Direct Deposit
MED - Deposit Refund Account	3/10/2020	\$30,925.60	Transfer Funds
MED - Sinking Fund	3/13/2020	\$32,904.18	Transfer Funds
MED - Deposit Refund Account	3/17/2020	\$19,378.46	Transfer Funds
MED - Payroll	3/17/2020	\$230,791.62	Employee Direct Deposit
MED - Deposit Refund Account	3/24/2020	\$15,121.37	Transfer Funds
MED - Payroll	3/30/2020	\$188,424.68	Employee Direct Deposit
Check Register		\$12,754,154.78	
Total		\$13,491,656.05	

**Bad Debt Analysis
For Fiscal Year 2020**

	Uncollectable Accounts	Payments Collected	Net Expense
July 2019	8,102.98	(7,142.17)	960.81
Aug 2019	9,067.09	(4,764.97)	4,302.12
Sept 2019	15,024.84	(5,663.02)	9,361.82
Oct 2019	19,460.19	(6,364.18)	13,096.01
Nov 2019	12,295.27	(4,776.64)	7,518.63
Dec 2019	25,266.32	(15,398.61)	9,867.71
Jan 2020	7,509.90	(4,658.59)	2,851.31
Feb 2020	13,580.37	(8,443.75)	5,136.62
March 2020	7,961.18	(9,291.24)	(1,330.06)
April 2020			0.00
May 2020			0.00
June 2020			0.00
Totals	\$118,268.14	(\$66,503.17)	\$51,764.97

	Sales	Bad Debt to Sales
July 2019	17,222,587.03	0.0056%
Aug 2019	18,477,742.88	0.0233%
Sept 2019	15,986,425.32	0.0586%
Oct 2019	13,122,086.64	0.0998%
Nov 2019	12,651,422.80	0.0594%
Dec 2019	13,887,708.09	0.0711%
Jan 2020	14,909,773.02	0.0191%
Feb 2020	13,392,842.95	0.0384%
March 2020	11,770,956.39	-0.0113%
April 2020		
May 2020		
June 2020		
Totals	\$131,421,545.12	0.0394%



March Safety Report

Number of Injuries in Last Month	1
Number of Illnesses in Last Month	0

Description of Injuries and Illness (Non-Recordable, Recordable, and/or Reportable)

CALENDAR YEAR 2020

- 3/5/2020 Employee cut finger with knife while modifying bandage applied for previous unrecordable injury; no lost time; recordable

Summary of Lost Time

Days Away	0
Restricted Days	0
Days of Job Transfer	0

Days Between Injuries

November 29, 2018 until March 5, 2020	462
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Injury on 3/5/2020 was deemed OSHA recordable since it met no exceptions cited in OSHA 29 CFR 1904.5 (b)(2)



April Safety Report

Number of Injuries in Last Month	0
Number of Illnesses in Last Month	0

Description of Injuries and Illness (Non-Recordable, Recordable, and/or Reportable)

CALENDAR YEAR 2020

- 3/5/2020 Employee cut finger with knife while modifying bandage applied for previous unrecordable injury; no lost time; recordable

Summary of Lost Time

Days Away	0
Restricted Days	0
Days of Job Transfer	0

Days Since Last Recordable Injurie

March 5, 2020 through April 15	41
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Injury on 3/5/2020 was deemed OSHA recordable since it met no exceptions cited in OSHA 29 CFR 1904.5 (b)(2)



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MEMORANDUM

TO: MED Power Board

FROM: Diane Simpkins, Director of Purchasing

DATE: Thursday - April 15, 2020

RE: Material Purchases - for March and April 2020

PURCHASES UNDER \$25,000: \$ 316,618.61

PURCHASES BETWEEN \$25,000 - \$50,000:

PURCHASE ORDER #	VENDOR	ITEM	QUANTITY		AMOUNT
23767	Border States	CI20 3ph meter w/twacs module)	12	\$	7,433.52
		CI20 VT connected meter w/twacs module	12	\$	8,153.52
		CI320 1ph demand meter w/twacs module	48	\$	7,366.56
		CL20, fm3s, 240v w/twacs module	36	\$	5,381.28
23757	Irby	1/0 conc. Cable	7710'	\$	16,406.88
		4/0 conc. Cable	7352	\$	18,593.21
23731	Irby	500 conc. Copper cable	4080	\$	42,815.52
Total purchases over					<u>\$ 106,150.49</u>

TRANSFORMER PURCHASES FROM BLANKET:

PURCHASE ORDER #	VENDOR	ITEM	QUANTITY		AMOUNT
23759	Border States	150 kva 3 ph pad mount	7	\$	45,500.00
23735	Ermco	75 kva 3ph pad mount	1	\$	5,179.00
		300 kva 3ph pad mount	5	\$	40,200.00
23734	Border States	150 kva 3 ph pad mount	7	\$	44,863.00
Total Transformers					<u>\$ 135,742.00</u>
Grand Total					<u>\$ 558,511.10</u>

NO REQUEST FOR BOARD APPROVAL THIS MONTH

For Internal Use Only – Not For Distribution to Media

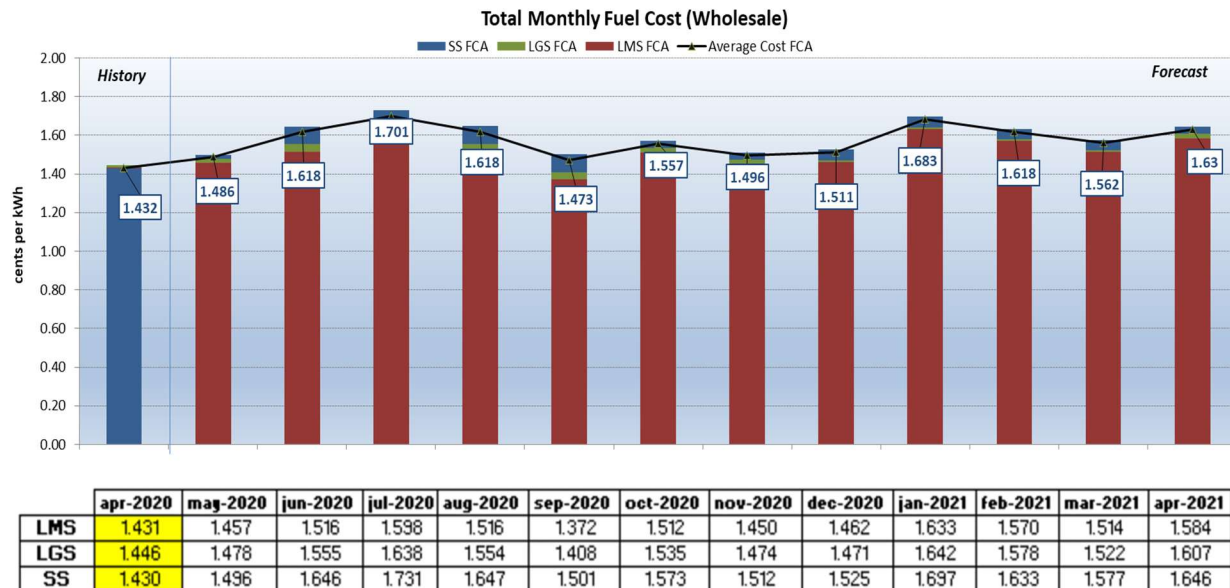
Total Monthly Fuel Cost Communication – April 2020

Total Monthly Fuel Cost – April 2020

The total monthly fuel cost will be 1.430 cents per kWh for Standard Service customers, 1.431 cents per kWh for Large Manufacturing customers, and 1.446 cents per kWh for Large General Service customers.

The overall system average fuel rate for April is approximately 23% lower than the three-year average March FCA. This is primarily due to the recent mild weather and lower than expected February sales.

Total Monthly Fuel Cost Forecast: April 2020 to April 2021



The monthly fuel cost forecast represents current expectations and operational conditions and is subject to change at any time. Actual fuel cost amounts in future months are subject to considerable risks and could vary widely from the current forecast.

For Internal Use Only – Not For Distribution to Media

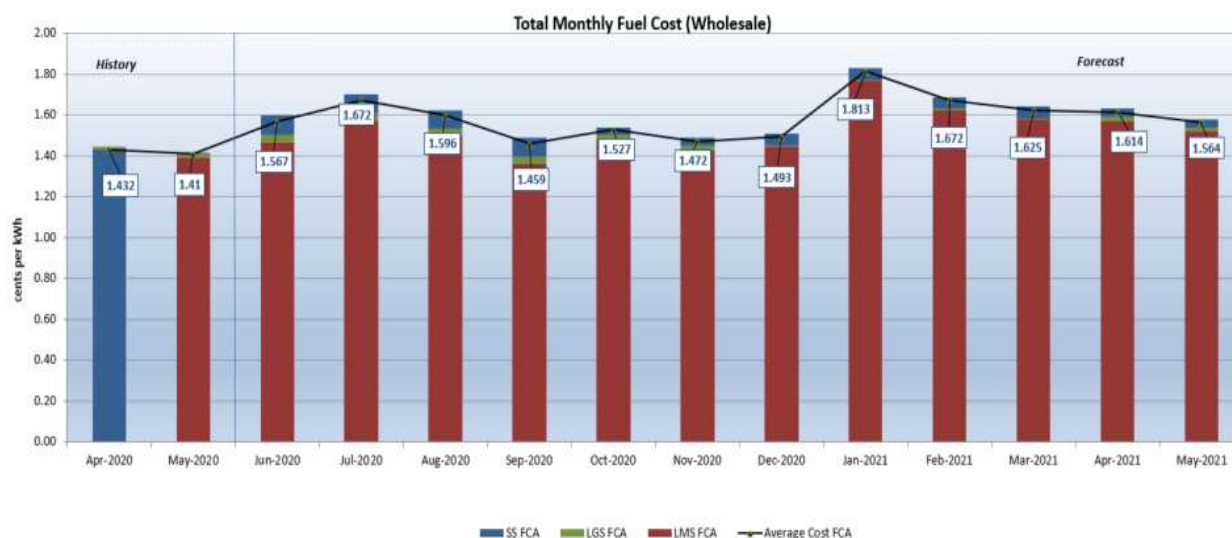
Total Monthly Fuel Cost Communication – May 2020

Total Monthly Fuel Cost – May 2020

The total monthly fuel cost will be 1.415 cents per kWh for Standard Service customers, 1.391 cents per kWh for Large Manufacturing customers, and 1.412 cents per kWh for Large General Service customers.

The overall system average fuel rate for May is approximately 23% lower than the three-year average May FCA. This is primarily due to pandemic impacts and mild weather which caused significantly lower sales for the month of March.

Total Monthly Fuel Cost Forecast: May 2020 to May 2021



	apr-2020	may-2020	jun-2020	jul-2020	aug-2020	sep-2020	oct-2020	nov-2020	dec-2020	jan-2021	feb-2021	mar-2021	apr-2021	may-2021
LMS FCA	1.431	1.391	1.464	1.567	1.494	1.359	1.480	1.427	1.444	1.765	1.624	1.576	1.569	1.518
LGS FCA	1.446	1.412	1.506	1.611	1.533	1.396	1.505	1.450	1.452	1.773	1.632	1.585	1.592	1.541
SS FCA	1.430	1.415	1.597	1.701	1.625	1.487	1.541	1.488	1.507	1.828	1.687	1.640	1.631	1.580

The monthly fuel cost forecast represents current expectations and operational conditions and is subject to change at any time. Actual fuel cost amounts in future months are subject to considerable risks and could vary widely from the current forecast.

City Projects - 4/14/2020

Primary	Street	Amount of Aid to Construction	Status	Status Notes	Additional Notes
Jones Blvd	Ridgely Rd to W Northfield Blvd	Design Not Finalized.	Preliminary design.		Waiting on SEC Inc. for finalized roadway plans.
Old Fort Park Maintenance Building	Old Fort Park	\$1,600.00	Design complete.	Waiting on aid to construction.	As of right now single phase
Rucker Ln	Rucker Ln	No Aid to Construction	Design complete.		Waiting on road project to begin.
Airport Terminal	Airport Rd.	\$29,725.00	Contractor construction.	Aid to construction paid.	Service pulled in. Waiting for inspection.
Siegel Park	Cherry Ln.		Design complete.		



205 North Walnut Street
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Date: 3/17/2020
To: Power Board
From: Chris Barns
Subject: Murfreesboro Electric Department (MED) fiber optic network project for the City of Murfreesboro (City)

BACKGROUND

The City has requested use of MED's fiber optic network to provide dark fiber to approximately thirty-three (33) facilities. The City is currently using Comcast's iNet fiber optic network to provide telecom/fiber networking for these facilities. MED began construction on this project January 2019.

PROJECT COST

The current project cost is \$717,474.57. The Fiber Dashboard and Fiber Summary for March 2020 is attached for your review. The total project cost is estimated to be between \$640,000 and \$768,000.

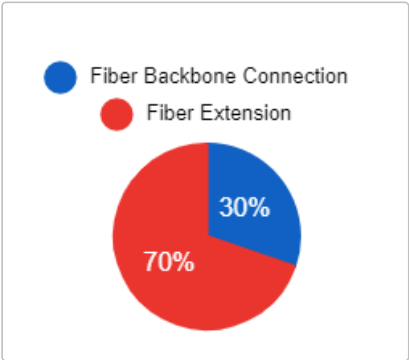
CONSTRUCTION UPDATE

- Twenty-four (24) buildings are 100 % complete.
- Aerial extensions are under construction for SportsCom & Fire Station 6 on Memorial Blvd. These extensions are 50% complete and have been delayed due to weather.
- The remaining splicing for this project has been postponed until a later date. Groves Construction Fiber crews are based in Kentucky and have restricted travel due to the coronavirus.
- Once as the aerial extensions are complete to SportsCom & Fire Station 6 on Memorial Blvd, the fiber project will be substantially complete.



\$717,474.57
Total Project Cost

33
Active Projects



9
Under Construction

24
Project Complete


Fiber Summary - Power Board

Fiber Summary - Power Board

	Primary	Street Address	MED WO#	MED WO# Project Cost	Outside Fiber Installed	Inside Fiber Installed	Inside Splicing Complete	Outside Splicing Complete	MED Status
1	Barfield Park	697 Veterans Pkwy	118727	\$8,150.45	✓	✓	✓	✓	Project complete.
2	Cannonsburgh Village	312 S Front St	118675	\$11,381.56	✓	✓	✓	✓	Project complete.
3	City Hall	111 W Vine St	118767	\$109,523.03	✓	✓	✓	✓	Project complete.
4	City Training (part of Street Department)	W Main St	119447	n/a	✓	✓	✓	✓	Project complete.
5	Fire Administration	NW Broad St	118767	n/a	✓	✓	✓	✓	Project complete.
6	Fire Station 2	2880 Runnymede Dr	118832	\$15,129.08	✓	✓	✓	✓	Project complete.
7	Fire Station 3	1511 Mercury Blvd	120122	\$58,315.00	✓	✓	✓	✓	Project complete.
8	Fire Station 8	1730 E Northfield Blvd	118838	\$7,639.95	✓	✓	✓	✓	Project complete.
9	Fire Station 9	802 Cason Ln	118795	\$6,189.71	✓	✓	✓	✓	Project complete.
10	Fire Station 10	2563 Veterans Pkwy	118683	\$9,696.62	✓	✓	✓	✓	Project complete.
11	McFadden Community Center	211 Bridge Ave	119445	\$24,223.92	✓	✓	✓	✓	Project complete.
12	Murfreesboro Electric Department	N Walnut St		\$0.00	✓	✓	✓	✓	Project complete.
13	MWRD Administration	NW Broad St	118767	n/a	✓	✓	✓	✓	Project complete.
14	MWRD Engineering Annex	NW Broad St	118767	n/a	✓	✓	✓	✓	Project complete.
15	MWRD Mill St Water Tower	405 Mill St	119351	\$20,347.28	✓	✓	✓	✓	Project complete.
16	MWRD Operations & Maintenance	1725 S Church St	119277	\$10,236.08	✓	✓	✓	✓	Project complete.
17	MWRD Stoney Meadow Water Tower	2003 Stoney Meadow Dr	118799	\$85,884.85	✓	✓	✓	✓	Project complete.
18	Patterson Park	521 Mercury Blvd	118852	\$31,651.53	✓	✓	✓	✓	Project complete.
19	Police Headquarters - Greenland Drive	Greenland Drive	118751	\$21,702.16	✓	✓	✓	✓	Project complete.
20	Police Headquarters - N Highland Ave	N Highland Ave	120482	\$15,516.49	✓	✓	✓	✓	Project complete.
21	Police Precinct	520 E Castle St	118818	\$12,161.97	✓	✓	✓	✓	Project complete.
22	Police Special Operations Unit	906 Industrial Drive	119360	\$7,846.96	✓	✓	✓	✓	Project complete.
23	Rutherford County Sheriff's Office	Molloy Lane	119448	\$34,806.26	✓	□	□	✓	Under construction.
24	St. Claire Senior Center	St. Claire St	119472	\$10,398.55	✓	✓	✓	✓	Project complete.
25	Street Department	620 W Main St	119447	\$21,492.01	✓	✓	✓	✓	Project complete.
26	Fire Station 4 (Old) / Jones Tower	1311 Jones Blvd	119469	\$14,586.05	✓	✓	✓	□	Under construction.
27	Fire Station 4 (New - Future)	Medical Center Pkwy	120718	\$662.62	□	□	□	□	Under construction.
28	Fire Station 6	2302 Memorial Blvd	119449	\$734.75	□	✓	✓	□	Under construction.
29	Fire Station 11 (Future)	Blaze Dr	118839	n/a	□	□	□	□	Under construction.
30	MWRD Jones Blvd Water Tower	1130 Jones Blvd	119470	\$27,723.92	✓	✓	✓	□	Under construction.
31	MWRD Water Plant	5528 Sam Jared Dr	118791	\$11,830.96	✓	✓	✓	□	Under construction.
32	SportsCom	McKnight Park - Memorial Blvd	118684	\$47,790.37	□	✓	✓	□	Under construction.
33	West Tower Site	Blaze Drive	118839	\$47,187.02	✓	✓	✓	□	Under construction.

Date: 4/14/2020
To: Power Board
From: Chris Barns
Subject: Murfreesboro Electric Department (MED) fiber optic network project for the City of Murfreesboro (City)

BACKGROUND

The City has requested use of MED's fiber optic network to provide dark fiber to approximately thirty-three (33) facilities. The City is currently using Comcast's iNet fiber optic network to provide telecom/fiber networking for these facilities. MED began construction on this project January 2019.

PROJECT COST

The current project cost is \$799,158.68. The Fiber Dashboard and Fiber Report for April 2020 is attached for your review following this memorandum.

The original project cost presented to City Council and Power Board in 2018 was \$5,200,000 for sixty-seven (67) facilities. Per City Staff's request, the project cost was updated in September 2019 with a new project cost estimate between \$640,000 and \$768,000 for thirty-three (33) facilities.

MED will review the discrepancies in the current and projected project cost and submit to the Power Board for your review in May.

CONSTRUCTION UPDATE

MED estimates the project is 91% complete and has been postponed due to the COVID-19 pandemic.

Groves Construction Fiber crews are based in Kentucky and have restricted travel since mid-March due to the coronavirus. Groves Construction estimates 1-week of splicing remaining with the project.

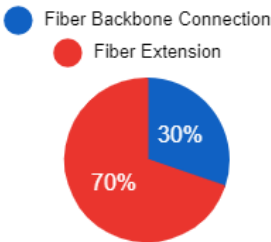
The remaining outstanding items, excluding splicing, are listed below:

- Rutherford County Sherriff's Office - MED is waiting on conduits to be installed to the building by the County.
- Fire Station 4 on Medical Center Pkwy - MED will propose removing this building from the project with City Staff due to several construction concerns that has arisen. Buildings have been removed from the overall project before when circumstances arise.



\$799,158.68
Total Project Cost

33
Active Projects



0
Under Construction

9
Postponed - Coronavirus

24
Project Complete



Fiber Summary - Power Board

Fiber Summary - Power Board

Primary	Street Address	MED WO#	MED WO# Project Cost	Outside Fiber Installed	Inside Fiber Installed	Inside Splicing Complete	Outside Splicing Complete	MED Status
1 Barfield Park	697 Veterans Pkwy	118727	\$8,150.45	✓	✓	✓	✓	Project complete.
2 Cannonsburgh Village	312 S Front St	118675	\$11,381.56	✓	✓	✓	✓	Project complete.
3 City Hall	111 W Vine St	118767	\$109,523.03	✓	✓	✓	✓	Project complete.
4 City Training (part of Street Department)	W Main St	119447	n/a	✓	✓	✓	✓	Project complete.
5 Fire Administration	NW Broad St	118767	n/a	✓	✓	✓	✓	Project complete.
6 Fire Station 2	2880 Runnymede Dr	118832	\$15,129.08	✓	✓	✓	✓	Project complete.
7 Fire Station 3	1511 Mercury Blvd	120122	\$58,315.00	✓	✓	✓	✓	Project complete.
8 Fire Station 8	1730 E Northfield Blvd	118838	\$7,639.95	✓	✓	✓	✓	Project complete.
9 Fire Station 9	802 Cason Ln	118795	\$6,189.71	✓	✓	✓	✓	Project complete.
10 Fire Station 10	2563 Veterans Pkwy	118683	\$9,696.62	✓	✓	✓	✓	Project complete.
11 McFadden Community Center	211 Bridge Ave	119445	\$24,223.92	✓	✓	✓	✓	Project complete.
12 Murfreesboro Electric Department	N Walnut St		\$0.00	✓	✓	✓	✓	Project complete.
13 MWRD Administration	NW Broad St	118767	n/a	✓	✓	✓	✓	Project complete.
14 MWRD Engineering Annex	NW Broad St	118767	n/a	✓	✓	✓	✓	Project complete.
15 MWRD Mill St Water Tower	405 Mill St	119351	\$20,347.28	✓	✓	✓	✓	Project complete.
16 MWRD Operations & Maintenance	1725 S Church St	119277	\$10,236.08	✓	✓	✓	✓	Project complete.
17 MWRD Stoney Meadow Water Tower	2003 Stoney Meadow Dr	118799	\$85,884.85	✓	✓	✓	✓	Project complete.
18 Patterson Park	521 Mercury Blvd	118852	\$31,651.53	✓	✓	✓	✓	Project complete.
19 Police Headquarters - Greenland Drive	Greenland Drive	118751	\$21,702.16	✓	✓	✓	✓	Project complete.
20 Police Headquarters - N Highland Ave	N Highland Ave	120482	\$15,516.49	✓	✓	✓	✓	Project complete.
21 Police Precinct	520 E Castle St	118818	\$12,161.97	✓	✓	✓	✓	Project complete.
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23 St. Claire Senior Center	St. Claire St	119472	\$10,398.55	✓	✓	✓	✓	Project complete.
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25 Fire Station 4 (Old) / Jones Tower	1311 Jones Blvd	119469	\$14,586.05	✓	✓	✓	□	Postponed - Coronavirus.
26 Fire Station 4 (New - Future)	Medical Center Pkwy	120718	\$662.62	□	□	□	□	Postponed - Coronavirus.
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29 MWRD Jones Blvd Water Tower	1130 Jones Blvd	119470	\$27,723.92	✓	✓	✓	□	Postponed - Coronavirus.
30 MWRD Water Plant	5528 Sam Jared Dr	118791	\$11,830.96	✓	✓	✓	□	Postponed - Coronavirus.
31 Rutherford County Sheriff's Office	Molloy Lane	119448	\$36,022.02	✓	□	□	✓	Postponed - Coronavirus.
32 SportsCom	McKnight Park - Memorial Blvd	118684	\$94,231.56	✓	✓	✓	□	Postponed - Coronavirus.
33 West Tower Site	Blaze Drive	118839	\$47,187.02	✓	✓	✓	□	Postponed - Coronavirus.